

# JSC SHIPPING DOCUMENT

1. Originator (Name, Org. Code, Phone) **JD Roberts, EA, 281-461-5109** 2. Date Prepared **05/01/07**

3. Building **421** Room **Bond** 4. Contact and Phone **Alfredo Cavallo, 281-483-0287**

5. Status of Items  
 Transfer to Other NASA Center  
 Test and Return  
 Replacement or Credit  
 Relocation  
 For Flight/Return  
**JF 1027 No.: N/A**

6. Shipping Information (Check One)  
 Prepaid  
 Collect  
 Government Funds (Cite #s)  
 Vendor Pickup  
 Hand Carry  
 Third Party Billing

7. Shipment in Direct Support of:  
 Shuttle STS: \_\_\_\_\_  
 Space Station Mission: \_\_\_\_\_  
 Other, Please Explain **For Assy & Test**

8. QUALITY CONTROL INFORMATION (Check Each)  
 Flight/Mission Essential  
 Non-Flight  
 GSE  
 Other

9. Materials Classified (Define Block 25)  
**X**

10. Data Package Enclosed? **PP**

11. APPROVAL - Typed Name and Signature  
 Division Chief: \_\_\_\_\_ DATE: \_\_\_\_\_  
 Property Custodian: \_\_\_\_\_ Mail Code: \_\_\_\_\_  
 Controlling Office: \_\_\_\_\_

Quality Assurance Representative: \_\_\_\_\_  
 Direct Program Manager: \_\_\_\_\_  
 Other: \_\_\_\_\_

12. From: **NASA/Lyndon B. Johnson Space Center  
 Transportation Officer, Bldg. 421  
 2101 NASA Road 1  
 Houston, Texas 77058**

13. Ship To: **LABG  
 Einsteinstrasse 20  
 85521 Ottobrunn  
 Germany**

14. Date Required at Destination **05/09/07** 15. Voucher Number **17-123-003**

16. Authority or Purpose **AMS-02 Project** 17. Contract/Grant/Order Number \_\_\_\_\_

18. Signature Supply and Equipment Management Officer **ye-n-5-3-07**

19. TON (Tracking Control Number) **1902-207**

20. Date Shipped **5/4/07**

21. Mode of Shipment **BAX INT'L**

22. Bill of Lading **85362200**

23. Appropriation/Funding Data \_\_\_\_\_

24. Project Code \_\_\_\_\_

25. Remarks: **Mark For/Phone Number: Contact: Stefan Dillinger, Tel. +49 89 6088-3487**

26. Item No.	27. Equipment Control No.	28. Model/Stock/Part Number	29. Item Description, Serial No., Manufacturer No., Lot No., License Plate No., Class of Hardware	30. Unit of Issue	31. Qty.	32. Unit Price	33. Total Value
1		SDG39135892-805	Bolt, Lot #2115, Class I	ea	8	27.50	220.00
2		SDG39135892-807	Bolt, Double Hex Hd, Lot #TS212, Class I	ea	7	116.00	812.00
3		SDG39135892-817	Bolt, Double Hex, Lot #10238, Class I	ea	8	190.00	1520.00
4		NASMI6555-52	Pin, Straight, Headless, Lot #2062, Class I	ea	1	5.50	5.50
5		NAS1352N02-6	Screw, Socket Head, Lot #37407, Class I	ea	16	0.05	0.80
6		NAS1351N6LB16	Bolt, Socket Head, Lot #18323, Class I	ea	4	45.00	180.00

34. Recalculation of Shipment (spaced below to be completed by logistics division only)	35. Receipt Info	36. Sheet Total
Remove ECN Tag? <input type="checkbox"/> Yes <input type="checkbox"/> No	Containers Recd	2,738.30
Issued By: <b>DD 5/3/07</b>	Quantities Recd	3,068.30
Checked By: <b>JAM</b>	Date Recd	
<b>5-3-07</b>	38. Receiving Voucher No.	
Packed By: <b>5-3-07</b>		
<b>5-3-07</b>		
<b>5-3-07</b>		

JSC Form 290 (Rev October 16, 2006) (USE JSC Form 290A, SHIPPING CONTINUATION SHEET, IF ADDITIONAL SPACE IS REQUIRED) (Informed August 2000)

**ORIGINAL**

**SEND A COPY OF THIS FORM**

**290 WITH RETURN SHIPMENT**

**See other 290**

Page 1 of 3

# SHIPPING DOCUMENT (Continuation Sheet)

PAGE 2 OF 4 PAGES

TON

VOUCHER NO. J7-123-003

15. ITEM NO.	16. EQUIPMENT CONTROL NUMBER	17. MODEL NUMBER/ STOCK NUMBER/ PART NUMBER	18. ITEM DESCRIPTION, SERIAL NO., MANUFACTURER NO., LOT NO., LICENSE PLATE NO., CLASS OF HARDWARE	19. UNIT OF ISSUE	20. QTY	21. UNIT PRICE	22. TOTAL VALUE
7.		NAS1149E0632R	Washer, Flat, Lot#7905-11/06/03, Class I	ea	4	1.00	4.00
8.		NAS1149EN232R	Washer, Flat, Lot#11097-10/20/04, Class I	ea	8	2.50	20.00
9.		SDG39135749-001	Bushing Plate Diagonal Sill, S/N 1013, Class I	ea	1	54.85	54.85
10.		SDG39135749-001	Bushing Plate Diagonal Sill, S/N 1014, Class I	ea	1	54.85	54.85
11.		SDG39135749-001	Bushing Plate Diagonal Sill, S/N 1015, Class I	ea	1	54.85	54.85
12.		SDG39135749-001	Bushing Plate Diagonal Sill, S/N 1016, Class I	ea	1	54.85	54.85
13.		NAS1351N4-28	Screw, Socket Head, Lot #32470/073001, Class I	ea	20	3.00	60.00
14.		NAS1149E0463R	Washer, Flat, Lot #8388-5/10/02, Class I	ea	20	0.50	10.00
15.		NAS1587-4C	Washer, CSK, Lot #P6893, Class I	ea	20	0.83	16.60
Sheet Tot							330.00

**Requirements for Packaging, Handling, and Transportation for Aeronautical and Space Systems, Equipment, and Associated Components**

Voucher Number  
**J7-123-103**

1. Are there any special documented requirements addressing special handling, packaging, and shipping that needs to be attached to the packing list for this item(s)? A copy of the information is to be attached and specified in block 25 of the 290 prior to submitting.  
 Yes  No
2. Does the item(s) identified on the 290 require clean room isolation? If yes, identify what cleanliness level (GC, VC, UV-VC, and types of Precision cleaned 100A, 200A, etc.) and specify the requirement document (e.g., SN-C-0005, D683-10450-1, other). If not a NASA document, a copy must be attached to the 290.  
 Yes  No
3. Is the item(s) identified on the 290 "Electrostatic Discharge" (ESD) sensitive?  
IS THE HARDWARE PACKAGED CORRECTLY FOR ESD SENSITIVITY?  
 Yes  No  
 Yes  No  
 Yes  No
4. Does the item(s) identified on the 290 contain any hazardous chemicals or materials? If yes, identify the type of chemicals or materials and provide the Material Safety Data Sheet for each item.  
 Yes  No  
 Yes  No  
 Yes  No
5. Does the item(s) listed contain any explosive or pyrotechnic material? If yes, provide the classification and net weight of each item.  
 Yes  No
6. Does the item(s) contain batteries. If yes, identify the type of battery?  
 Yes  No
7. If the item(s) contains Lithium-Ion, Lithium Metal or Lithium Alloy, provide the total Lithium content or Lithium-equivalent per battery (grams).  
 Yes  No
8. Does the item contain any radioactive materials? (This includes any hazardous radioactive material embedded in the item). If yes, provide a completed JSC Form 1625, "Radioactive Material Transfer Receipt." Ensure the item(s) are identified with the radiation symbols and clearly mark with the label(s) as shown in question 10.  
 Yes  No
9. Does the item(s) contain any compressed pressure systems (e.g. cylinders)? If yes, identify the types of fluid or gas contained in the system and if gas, what is the pressure.  
 Yes  No
10. Does the item contain any biological specimens? If yes, please identify, describe, and add the MSDS telling what to do in case of a spill, puncture, or rupture?  
 Yes  No
11. Does the item(s) require any special temperature or humidity control in its handling, packaging, or shipping? If yes, please identify and provide the following information in Fahrenheit:  
Minimum temperature: \_\_\_\_\_  
Maximum temperature: \_\_\_\_\_  
Minimum humidity: \_\_\_\_\_  
Maximum humidity: \_\_\_\_\_  
 Yes  No

**Requirements for Packaging, Handling, and Transportation for Aeronautical and Space Systems, Equipment, and Associated Components**

Voucher Number  
17-123-003

6. Are the item(s) perishable? If yes, identify, describe:  Yes  No
7. Does this item(s) require protection from exposure to the elements? If yes, identify. Be sure to change the "revision date" of this form.  Yes  No
8. Does this item(s) require special monitoring equipment (e.g. shock, humidity, vibration, or temperature sensors)? If yes, identify the type and duration of monitoring required?  Yes  No
9. Does this item(s) require any unique labeling and if yes, please check/verify appropriate label(s) to be used:  Yes  No
- NASA CRITICAL SPACE ITEM: HANDLE WITH CARE
  - DELICATE INSTRUMENT: HANDLE WITH CARE
  - THIS END UP
  - FRAGILE LIQUID IN GLASS: HANDLE WITH CARE
  - FRAGILE LIQUID IN PLASTIC: DO NOT CUT
  - PERISHABLE RUSH
  - FRAGILE
  - SMALL PARTS ENCLOSED
  - ELECTROSTATIC DISCHARGE CONTROL REQUIREMENTS
  - CLEANLINESS
  - DO NOT X-RAY
  - LIMITED SHELF LIFE ITEMS - PROCESS IMMEDIATELY
  - CONTROLLED ENVIRONMENT
  - BIOLOGICAL SPECIMENS
  - TEMPERATURE/HUMIDITY
  - RADIOACTIVE MATERIAL
  - CONTAINS HIGH PRESSURE
  - DO NOT FREEZE
  - OTHER
- PPP-B-636  
 PPP-C-850  
 PPP-T-45  
 PPP-T-57  
 PPP-B-26  
 NASA Labels

Printed Name	Mail Code	Signed Name	Date Signed	Phone Number	Cell Phone Number
J. D. Roberts	JE-3EA		05/01/07	281-461-5109	

Date of Request 05/01/07

### Johnson Space Center Export Control Request and Approval Worksheet

Reference Number

EA2-07-117-002

Directions: At least 90 days prior to exporting hardware, software or data to a foreign national, submit this form to your Export Control Representative

#### SECTION 1 (complete for all exports)

Date of Export: 5/4/07

Requested by: Phil Mott

Org/Company: EAI / Jacobs Sverdrup

Phone Number: (281) 461-5712

Email: philip.mott@esc.jacobs.com

Fax: (281) 461-5926

General description of export (spell out acronyms)  
Fasteners.

Is this a temporary export?  Yes  No If yes, when will it be returned? 12/21/07

What requirement or agreement do we have with the foreign national to provide this export? JSC28792, Rev. D

For what purpose it is being exported (what is the end-user)? Assemble with AMS-02 hardware for testing. Contact: Stefan Dillinger, Phone +49 89 6088-3487

To whom is it being exported? (or attach ProForma invoice) IABG, Einsteinstrasse 20, 85521 Ottobrunn, Germany

What program does this export support? Alpha Magnetic Spectrometer (AMS) - 02 Date denied parties/entities list checked: 5/2/07

Type of export (mark all that apply):

- Hardware  Software  Data  Information via discussions

(if you checked hardware or software, please attach a completed ProForma Invoice -- )

Method of export (mark all that apply):

- Discussion  JSC Transportation Office  Hand carry  JSC Mail Room  Electronic  Other

#### SECTION 2

Export Classification EAR99/NLR

Classification rationale Fasteners are sent for assembly. Classification per memo from NASA HQ/UM to JSC/OZ2, dated 3/28/02. Status of AMS compliance with U.S. Export Regulations.

#### SECTION 3

##### Approvals

Stephen Lankin

Export classifications for this shipment were determined by Stephen Lankin Date 5/2/07

(281)483-8264

Phone

Signature of Export Control Official (ECR or CEA) [Signature] Date 5/2/07

(281) 483-8264

Phone

ES T Approval (req'd for use of export license and license exemption/exception only) Date

Phone

**\*\* THESE ITEMS HAVE NO COMMERCIAL VALUE \*\***  
**AES X20070504033958**

**Proforma Invoice**

**AIRBILL # 85362200**  
**TCN # 1902-207**  
**J7-123-003**

Shipper:  
 Transportation Officer, JB7  
 NASA Johnson Space Center  
 Houston, Texas 77058  
 (281-483-6512)

License Number:  
 Intermediate Consignee (when required):  
 JSC Voucher Number: EA2-07-117-002  
 Destination (include phone contact):  
 IABG  
 Einsteinstrasse 20  
 85521 Ottobrunn  
 Germany  
 Contact:  
 Stefan Dillingner  
 Phone:  
 +49 89 6088-3487

"These items are exported from the United States for ultimate destination Germany, in accordance with the Export Administration Regulations, Diversion, retransfer, disclosure, or use contrary to applications specified in NASA agreement without prior written U.S. authorization are prohibited."

Item	Qty	Detailed Description	NASA Tag and/or Serial/Stock Number	Manufacturer Country of Origin	* Weight (kgs)	ECCN/USML CAT	License/Exemption/Exception	Schedule B No. (see census.gov)	Sched. B Qty	Unit Value	Total Cost
1	8	SDG39135892-805, Bolt, Lot #2115, Class I	NONE	Carpenter - USA	0.45	EAR99	NLR	7318.19.0000	KG	\$27.50	\$220.00
2	7	SDG39135892-807, Bolt, Double Hex Head Lot #T5212, Class I	NONE	SPS - USA	0.45	EAR99	NLR	7318.19.0000	KG	\$116.00	\$812.00
3	8	SDG39135892-817, Bolt, Double Hex, Lot #10238, Class I	NONE	Hatch - USA	0.45	EAR99	NLR	7318.19.0000	KG	\$190.00	\$1,520.00
4	1	NASMI6555-52, Pin, Straight, Headless, Lot #2062, Class I	NONE	Houston Aerospace - USA		EAR99	NLR			\$5.50	\$5.50
5	16	NAS1352N02-6, Screw, Socket Head, Lot #37407, Class I	NONE	3V Fasteners - USA		EAR99	NLR			\$0.05	\$0.80
6	4	NAS1351N6LB16, Bolt, Socket Head, Lot #18323, Class I	NONE	CBS Fasteners - USA	0.3	EAR99	NLR	7318.19.0000	KG	\$45.00	\$180.00
7	4	NAS1149E0632R, Washer, Flat, Lot #7905-11/06/03, Class I	NONE	KJL Fasteners - USA		EAR99	NLR			\$1.00	\$4.00
8	8	NAS1149EN232R, Washer, Flat, Lot #11097-10/20/04, Class I	NONE	KJL Fasteners - USA		EAR99	NLR			\$2.50	\$20.00

**\*\*\*PACKED IN ONE SKIDDED BOX\*\*\***

Total All Sheets: **\$3,068.30**

Traffic Management Specialist  
 SILVIA HANAGRIFF  
 Date: 5-4-07

Notes:  
 1. This form must be completed for all exports.  
 2. Shipments to Russia require invoice translation by Initiator.

AIRBILL # 85362200

TCN # 1902-207

**ProForma Invoice**

J7-123-003

Export Tracking Number:  
 Shipper:  
 Transportation Officer, JB7  
 NASA Johnson Space Center  
 Houston, Texas 77058  
 (281-483-6512)

License Number:  
 Intermediate Cosignee (when required):

JSC Voucher Number: EA2-07-118-0222  
 Destination (include phone contact):  
 IABG  
 Einsteinstrasse 20  
 85521 Otobrunn  
 Germany  
 Contact:  
 Stefan Dillinger  
 Phone:  
 +49 89 6088-3487

"These items are exported from the United States for ultimate destination Germany, in accordance with the Export Administration Regulations. Diversion, retransfer, disclosure, or use contrary to applications specified in NASA agreement without prior written U.S. authorization are prohibited."

Item	Qty	Detailed Description	NASA Tag and/or Serial/Stock Number	Manufacturer Country of Origin	* Weight (kgs)	ECCN/USML CAT	License/Exemption/Exception	Schedule B No. (see census.gov)	Sched. B Qty	Unit Value	Total Cost
9	1	SDG39135749-001, Bushing Plate Diagonal Sill, S/N 1013, Class I	NONE	Jacobs - USA		EAR99	NLR			\$54.85	\$54.85
10	1	SDG39135749-001, Bushing Plate Diagonal Sill, S/N 1014, Class I	NONE	Jacobs - USA		EAR99	NLR			\$54.85	\$54.85
11	1	SDG39135749-001, Bushing Plate Diagonal Sill, S/N 1015, Class I	NONE	Jacobs - USA		EAR99	NLR			\$54.85	\$54.85
12	1	SDG39135749-001, Bushing Plate Diagonal Sill, S/N 1016, Class I	NONE	Jacobs - USA		EAR99	NLR			\$54.85	\$54.85
13	20	NAS1351N4-28, Screw, Socket Head, Lot #32470/073001, Class I	NONE	Alabama Aerospace - USA		EAR99	NLR			\$3.00	\$60.00
14	20	NAS1149E0463R, Washer, Flat, Lot #8388-5/10/02, Class I	NONE	KJL Fasteners - USA		EAR99	NLR			\$0.50	\$10.00
15	20	NAS1587-4C, Washer, CSK, Lot #P6893, Class I	NONE	KJL Fasteners - USA		EAR99	NLR			\$0.83	\$16.60

Total All Sheets: \_\_\_\_\_

Traffic Management Specialist \_\_\_\_\_ Date \_\_\_\_\_

This is not a sale, value shown is for Customs purposes only.

Notes:  
 1. This form must be completed for all exports.  
 2. Shipments to Russia require invoice transition by Initiator.